BOSS

BX-800

8CHANNEL STEREO MIXER

INSTRUCTIONS

●Please read the instructions carefully.

■PANEL DESCRIPTIONS

•Input Jacks
These are to connect audio equipment, musical instruments, micropnone, etc.

•Effect Send Jack
This is to connect the Input of the effect unit.

•Effect Return Jack
This is to connect the Output of the effect unit.

•Output Jacks
These are to connect a power amplifier or recording equipment, etc.

•Power Switch
Be sure to turn the Power Switch on or off with the Master Volume set low.

•Overload Indicator
This lights when input signal level is too high. Adjust the level lower than that by using the Gain Control.

•Gain Controls
This knob is to set the Gain level depending on the connected unit. Rotating this clockwise increases the level.

•Treble Controls
This knob adjust the treble. That is, rotating it clockwise boosts the high frequency range, and rotating it counterclockwise cuts it.

•Bass Controls
This adjusts bass sound. Rotating this clockwise boosts low frequency range, and rotating it counterclockwise cuts it.
* When these knobs are set to zero, there is no boost or cutoff of harmonic contents, therefore flat characteristics are obtained.

•Effect Level Controls
This sets the level of the output signal sent to each effect unit(=Effect send level).
* The pickup point of the Effect Send signal is post channel volume.

•Panpot Controls
The Panpot Control routes the input signal from an Input Channel to the left and/or right mixing busses. By means of the Panpot Controls, input signals can be sent exclusively to one mixing bus, or the other, to both mixing busses equally, or since the Panpot Control is continuously variable to both mixing busses in any relative proportion desired.

•Channel Volumes
This knob controls the volume of each channel independently. The "10" position gives the highest and "0" lowest level.

•Level Indicators
This detects the level of the output signal. When "OdB" lights, the signal of +4dBm is being sent through the Output Jack.

•Power Indicator
This lights when the BX-800 is turned on.

•Effect Return Level Control
This knob controls the volume of effect sound. As you rotate it clockwise, the volume increases.

•Headphone Level Control
As you rotate this knob clockwise, the headphones volume increases.
This knob allows separate level setting free from the Master Volume.

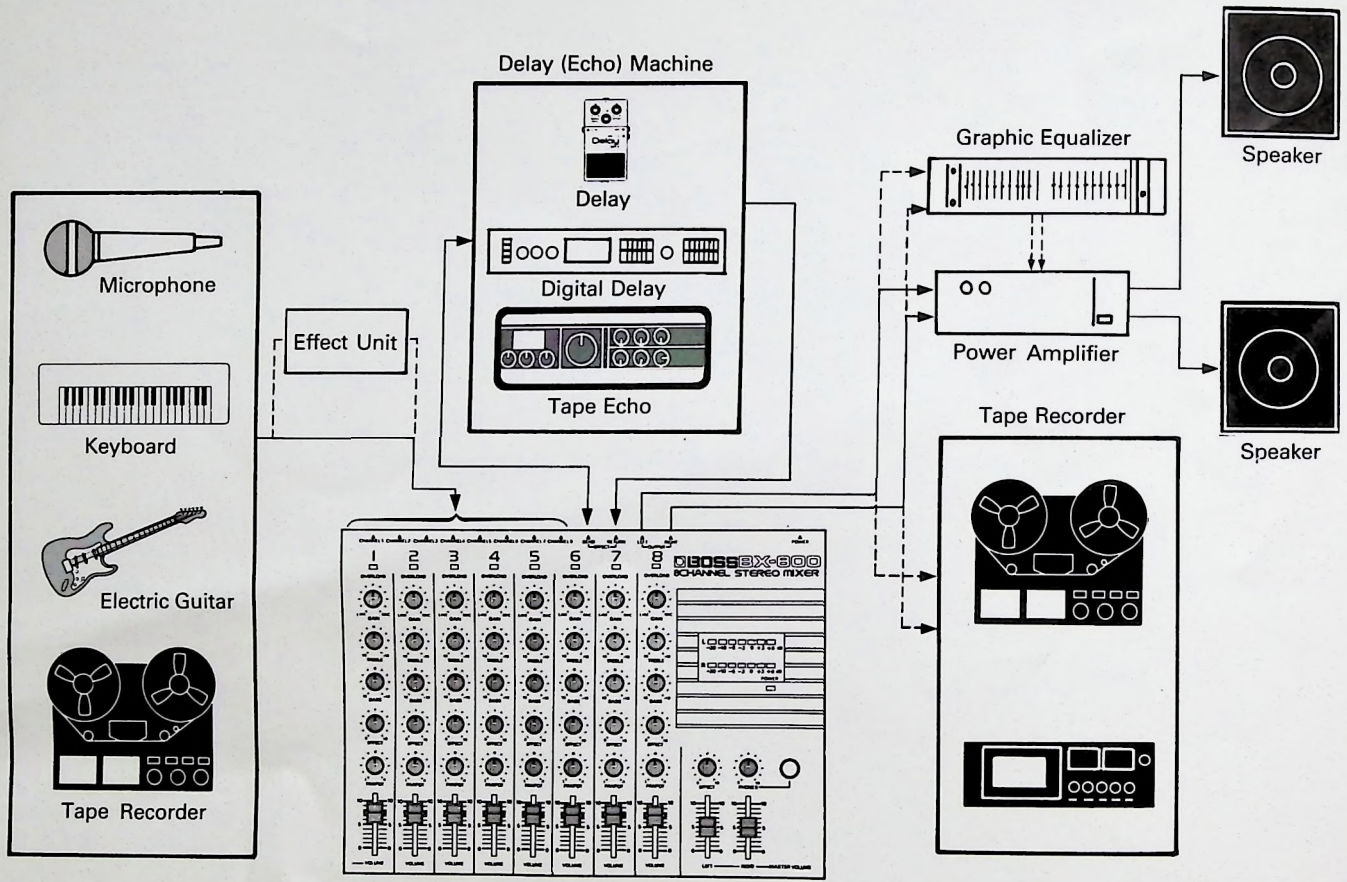
•Headphone Jack
This can be connected to headphones.

•Master Volume
These are two independent controls which control the volume of the left and right channels, thus acting as an overall volume controls for the BX-800.
At the "10" position, the volume is highest, and at '0' lowest.

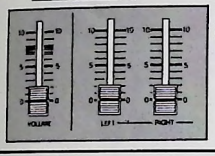
Important Notes

- The BX-800 may become warm during operation, but this is quite a normal situation caused by AC powered operation, so there is nothing to worry about it.
- If the BX-800 is not in use, turn it off.
- Please avoid using the BX-800 in extreme heat or humidity or where it may be affected by dust.

■CONNECTIONS

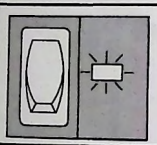


■OPERATION



1. After setting up the BX-800, set each Gain Control to LINE. Then set each Channel Volume and Master Volume to zero.

2. Make sure that the BX-800 is turned off. then plug in the Power cord.

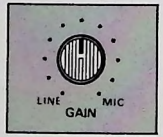


3. Turn up the Power Switch, and make sure that the Power Indicator lights up.

4. Turn the external devices(such as an amplifier) on.

5. Set the Gain Control to an appropriate level.

△**LINE**=Electronic Keyboard, Tape Recorder, etc.

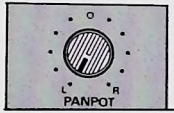


△**INST**=Electric Guitar, Electronic Keyboard, etc.

△**MIC**=Microphone

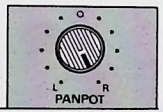
6. Set the Treble and Bass to appropriate levels.

7. Set the Panpot control to an appropriate level.

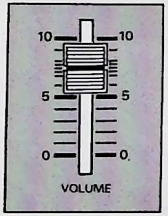


△If you wish to hear sound only from the Left Channel, set the Panpot control to the L position.

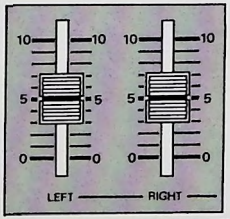
△If you wish to hear sound from the both Channels, set the Panpot to the centre position.



△If you wish to hear sound only from the Right Channel, set the Panpot Control to the R position.



8. Set each Channel Volume to an appropriate position. (Set the volume of the channel not in use to zero.)



9. Set the Master Volumes to appropriate positions.

10. If the Overload Indicator lights, the sound is distorted, so you need to reduce the channel volumes,the Gains or the Level Indicator +3 or +6dB or the Master Volume Controls.

When using effect units

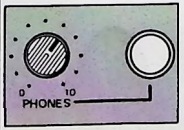
11. Set the relevant Effect Volume Controls to appropriate positions.

12. Set each Effect Return Volume Controls to an appropriate position.

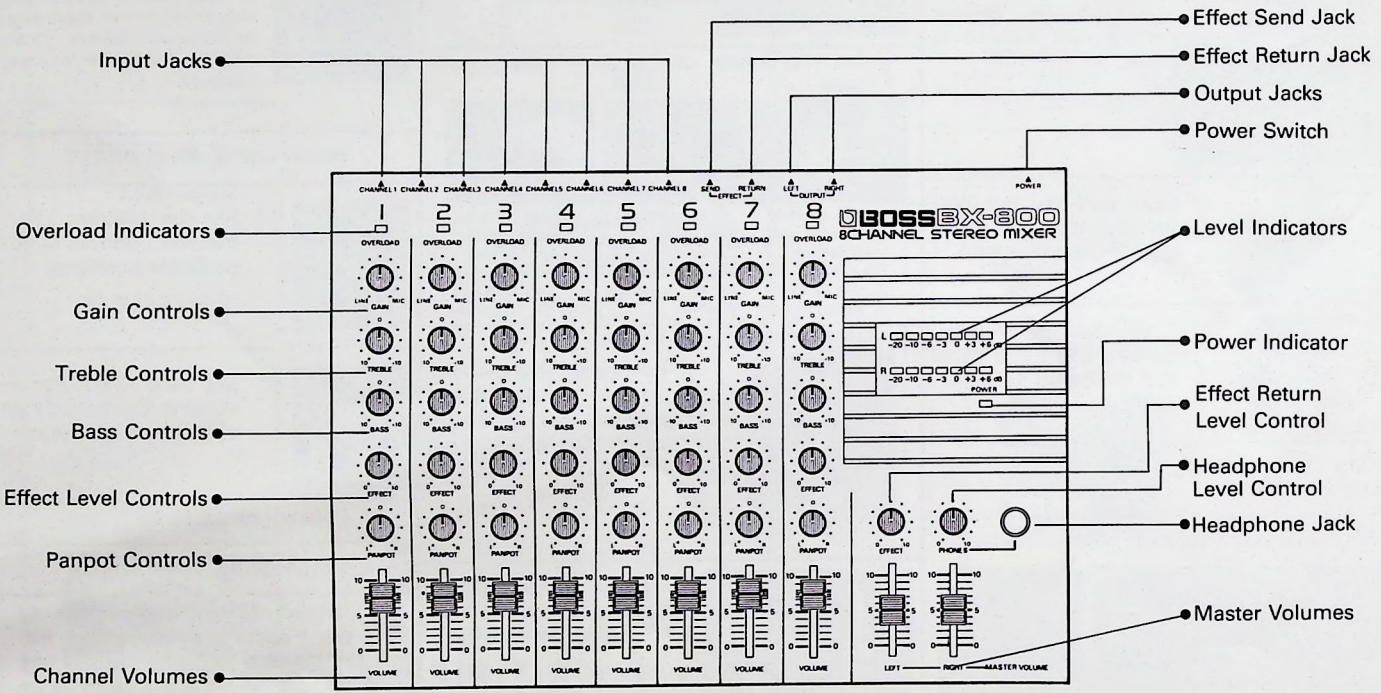
13. Repeat procedure 10

When using headphones

14. Connect Strero headphones to the Headphone Jack, then set the Headphone Level Control to an appropriate position.



■PANEL ILLUSTRATION

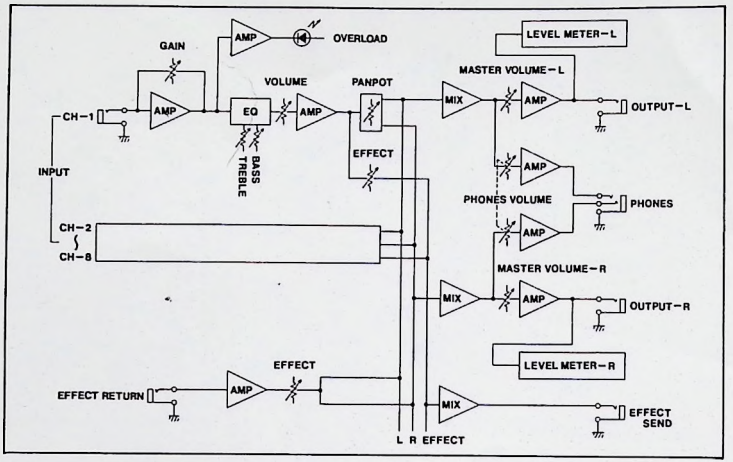


■SPECIFICATIONS

Input Level (Rated):	−50dBm to +4dBm
Input Impedance:	1.5kΩ to 160kΩ
Output Level (Rated):	+4dBm
(Max):	+21dBm
Output Load Impedance:	more than 10kΩ
Effect Send/Output Level (Rated):	−20dBm
/Load Impedance:	more than 10kΩ
Effect Return/Input Level (Rated):	−20dBm
/Input Impedance:	47kΩ
Equalizer/Treble:	± 10dB/10kHz
/Bass:	± 10dB/100Hz
Headphones:	50mW/30Ω
Equivalent Input Noise:	−113dBm (IHF-A)
Frequency Response (at minimum Gain):	20Hz to 40kHz (±3dB) * 0dBm=0.775V
Controls:	Gain Controls × 8 Treble Controls × 8 Bass Controls × 8 Effect Level Controls × 8 Panpot Controls × 8 Channel Volumes × 8
Main Controls:	Master Volumes × 2 Effect Return Level Control × 1 Headphone Level Control × 1 Power Switch × 1
Jacks:	Input Jacks × 8 Effect Send Jack × 1 Effect Return Jack × 1 Output Jacks × 2 Headphone Jack × 1
Indicators:	Overload Indicators × 8 Power Indicator × 1 Level Indicators × 2
AC Power:	117/220/240V AC 50/60Hz
Consumption:	13W
Dimensions:	325(W) × 76(H) × 236(D)mm/ 12¾(W) × 3(H) × 9¼(D)in.
Weight:	2.2kg/4lb. 14oz.

***Specifications are subject to change without notice.**

■BLOCK DIAGRAM



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